

Converting Colors

Hex(9D7568)

Have a look what the booklet for
Hex(9D7568) contains.

Hex(9D7568)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9D7568)

Conversions

Conversions Part 1

Format	Color
Hex	9D7568
RGB	157, 117, 104
RGB Percent	62%, 46%, 41%
CMY	0.3843, 0.5412, 0.5922
CMYK	0.00, 0.25, 0.34, 0.38
HSL	15°, 21%, 51%
HSV	15°, 34%, 62%
XYZ	22.7646, 20.8902, 15.9291
YIQ	127.4780, 28.0130, 4.4370

Conversions

Conversions Part 2

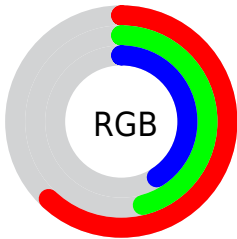
Format	Color
R_{YB}	157, 121, 104
Decimal	10319208
CIE Lab	52.83, 13.83, 13.29
CIE LCh	53, 19.182, 43.844
Yxy	20.8902, 0.3821, 0.3506
Android (android.graphics.Color)	4288509288 (0xFF9D7568)
YUV	127.4780, -11.5747, 25.8908
Hunter-Lab	45.7057, 8.9202, 11.3306

Details

The Hex color **9D7568** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68909D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D5A99B**, and **684539** is the 20% darker color. If you saturate the color by 10%, you get **9D6958**, and if you desaturate by 10%, it is **9D8178**.

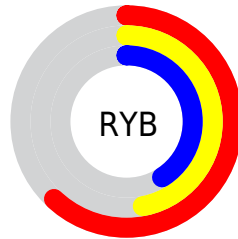
Distribution



Red (62%)

Green (46%)

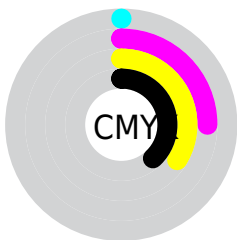
Blue (41%)



Red (62%)

Yellow (47%)

Blue (41%)

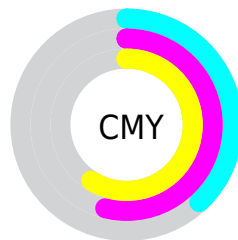


Cyan (0%)

Magenta (25%)

Yellow (34%)

Black (38%)



Cyan (38%)

Magenta (54%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D7568 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9D7568 by changing the saturation by 10% instead.

 9D7568

 9D7568

FFFFFF

 825C50

 D5A99B

 684539

 F1C4B6

 4F2E23

 FFE1D2

 37190E

 FFFDEE

 220000

 000000

 9D7568

 9D7568

 9D6958

 9D8178

 9D5D49

 9D8D87

 9D5139

 9D9997

 9D4629

 9DA4A7

 9D3A19

 9DB0B7

 9D2E0A

 9DBCC6

 9D2700

 9DC8D6

 9DD4E6

 9DE0F5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A07277



9D7568



927A5F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9D7568



5E8774



757D9E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9D7568



68909D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5F829D



9D7568



518785

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9D7568



708466



508694



8A7796

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9D7568



887E5D



508694



6D7F9F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9D7568



CCBDB8



9D6891



665D5A



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9D7568



CC8D78



9D8F68



4F4947



8F2300



0F0400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68909D



78B7CC



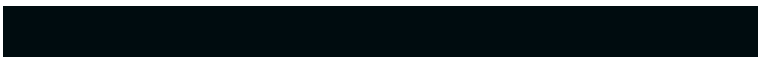
68769D



474D4F



006C8F



000C0F

Previews

White Background



This preview shows how the Hex color 9D7568 looks on a white background.

Color Contrast Check

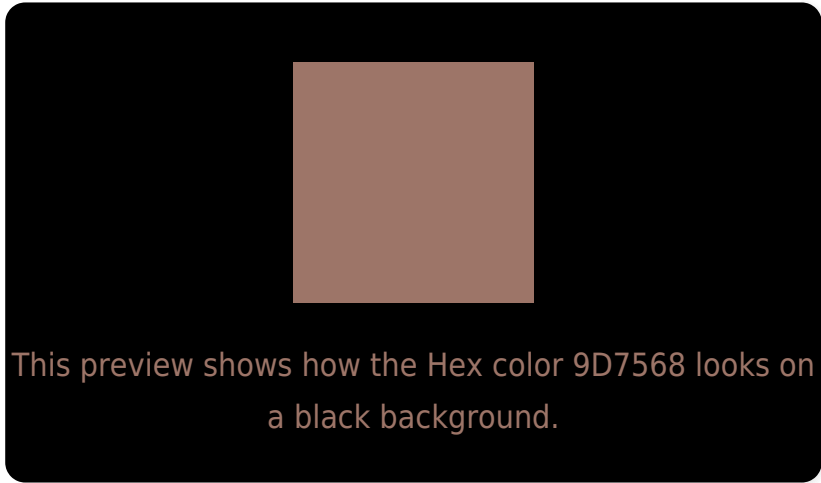
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9D7568 Background



This preview shows how black text looks on a background with the Hex color 9D7568.



This preview shows how white text looks on a background with the Hex color 9D7568.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
9D7568

Protanopia
857E6C

Deuteranopia
937967



Tritanopia
9F727B

Trichromacy



Original Color
9D7568

Protanomaly
8E7B6B

Deuteranomaly
977867

Tritanomaly
9E7374

Monochromacy



Original Color
9D7568

Achromatopsia
7F7F7F

Achromatomaly
8A7B77

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D7568 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9D7568 looks like.

```
.text, #text, p{  
    color:#9D7568  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9D7568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D7568  
}
```

Border

The CSS property to change the border of an element to Hex 9D7568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

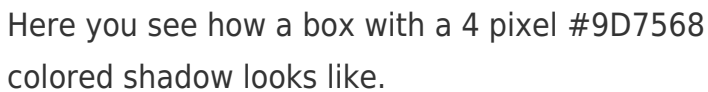
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9D7568 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9D7568 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #9D7568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D7568; -webkit-box-shadow:4px 4px  
4px 4px #9D7568; box-shadow:4px 4px 4px  
4px #9D7568 }
```

Background

The CSS property to change the background color of an element to Hex 9D7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D7568 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9D7568 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor